CEMENT CONCRETE FLOORING TILES

Lab ID	:	**CP-2022-03-17-21** **Date: 16-12-21**
Customer	:	Assistant Executive Engineer, Kodigehalli Sub Division, BBMP, Bangalore.
Address	:	Kodigehalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to footpath and roads in Ward No 8.
Agency	:	Sri. Kumar Akshay. S, No: 13, 2nd Cross, Yamalur, Post, B Nagasandra,
Customer Reference	:	BBMP/EE/BTP/WO/16/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	11-12-21
Sample Type	:	Pre-Polished Designer Cement Concrete Tiles
Reference to BIS codes	:	IS 1237:2012
Date of test	:	11-12-21

1. Water Absorption

Sl.No.	Measured Dimension (mm)			Water Absorption	Average	Requirement as per IS:1237-2012
	L	B	T	(%)	(%)	
1	400	399	25.1	2.530	2.21	The average percentage of water absorption shall not exceed 10.
2	401	401	25.06	1.920		
3	400	401	25.11	2.170		
4	400	399	25.15	2.060		
5	399	400	25.18	1.800		
6	400	400	25.19	2.760		

2.Wet Transverse Strength

Sl.No.	Measured Dimension (mm)			Wet Transverse Strength	Average	Requirement as per IS:1237-2012
	L	B	T	(N/mm^2)	(N/mm^2)	
1	401	401	25.02	7.83	7.8	The average wet transverse strength shall not be less than $3N/mm^2$.
2	401	401	25.04	8.16		
3	400	399	25.06	7.51		
4	399	401	25.01	7.88		
5	400	400	25.05	8.25		
6	401	399	25.03	7.29		

* The results obtained are satisfactory as per standard requirements.

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signature
Quality Manager

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End of Report

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

QC ABSTRACT

NAME OF WORK: Improvements to footpath and roads in Ward No 8.

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	KERB	Core Compressive strength	One Test		1	1
		Corrected Cylinder Compressive strength	One Test		1	1
		Equivalent Cube Compressive strength	One Test		1	1
2	Cement Concrete Designer Tiles	Water Absorption	One Test		1	1
		Wet Transverse Strength	One Test		1	1

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE KERB STONE

Lab ID : **CP-2022-03-17-21** **Date: 01-12-21**

Customer : Assistant Executive Engineer, Kodigehalli Sub Division, BBMP, Bangalore.

Address : Kodigehalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to footpath and roads in Ward No 8.

Agency : Sri. Kumar Akshay. S, No: 13, 2nd Cross, Yamalur, Post, B Nagasandra, Bangalore - 560037

Customer's Reference : BBMP/EE/BTP/WO/16/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 27-11-21

Sample Type /Size : CC Kerb Stone/ 450*165*400mm

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 27/11/2021

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	Kg	(Sq.mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	A	100.04	165.54	2.923	7859	142.5	18.1	18.1	22.7
2	B	100.02	165.45	2.854	7856	146.5	18.6	18.6	23.3
3	C	100.03	165.35	2.654	7857	143.5	18.3	18.3	22.8

* The results obtained are satisfactory as per standard requirements.

Note:

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Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CIVIL Pro Sig..... Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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